1310 Receiver Optical Module



Overview

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. A 1310nm optical module lets you move data efficiently through fiber optic communication networks. As part of the O-band (1260–1360 nm), it balances low dispersion, stable performance, and cost efficiency. This LC transceiver delivers effortless 10km connectivity for data centers and servers. SPEED REDEFINED: 10 Gigabit Performance for Modern Networks Subheading Focus: Bandwidth & Low Latency Speed defines. As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 10G optical modules.

Article Content

Everything You Need to Know About 1310nm Optical

A 1310nm optical module lets you move data efficiently through fiber optic communication networks. As part of the O-band (1260–1360 nm), it

HK-SFP+-10G-20-1310-DF

For better user experience, we highly recommend you to update your device to the latest firmware asap. *Product performance is based on testing in a controlled environment. Your results may vary due to

Singlemode 1310 nm Fiber Optic Transmitters, Receivers, Transceivers

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Mouser offers inventory, pricing, & datasheets for Singlemode 1310 nm Fiber Optic Transmitters, Receivers, Transceivers.

optical transceiver sfp+ 10g single mode module 1310nm 10km lc

The 1310nm LC Interface 10G Singlemode Dual-fiber Optical Module is the workhorse of the modern network. It combines speed, distance, and reliability into a compact package.

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector.

Module SFP 1,25 LX, 1310nm, 20km, 2xLC (14dB), DDM

Designed to work in single-mode optical fiber (Single-mode fiber, SMF), maximum range 20 km, optical budget 14dB, LC connector, working wavelength Tx 1310

SFP-10G-ER-1310

If an SFP-10G-ER-1310 optical module is connected to a 10GBase-ER optical module (1550 nm, 10GE, 40 km), the maximum transmission distance is only 20 km due to different specifications such as the

SFP+ 10G 1310nm Singlemode Optical Transceiver

8. Digital Diagnostics / Digital Optical Monitoring The transceiver provides serial ID memory contents and diagnostic information about the present operating conditions by the 2-wire serial interface (SCL,

10G SFP+ LR, 1310nm, 10km, DDM, LC/UPC Duplex, Single Mode,

The MJ-SFP10G-LR-10 SFP+ transceiver provides a high-performance, cost-effective solution for 10.31Gbps fiber connectivity over Single Mode fiber cable using a 1310nm wavelength "window".

52Mbps SMF 1310nm 40km 1x9 TTL Optical

They are high-performance, cost-effective optical transceiver modules with a TTL data interface that supports a data rate of 52Mbps and 40km transmission

Reyee XG-SFP-LR-SM1310

SFP+ 10G LR optical transceiver module for single-mode fiber, range up to 10 km, duplex LC connector, digital optical monitoring (DOM), RoHS compliant.

1.6T OSFP 2xDR4/DR8, 1310nm, 500m, DDM, CDR,

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The MJ-OSFP1.6TB-DR8 is a cost-effective, high-performance OSFP module tailored for AI datacenter applications, delivering an aggregate throughput of 1.6

Reyee XG-SFP-LR-SM1310

Compliant with the 10GBASE-LR standard (IEEE 802.3ae), this module integrates into any equipment with a compatible MSA SFP+ port. It operates at a wavelength of 1310 nm with a DFB laser

Accessories 2.5G-SFP-LX03-SM1310-BIDI-I 2.5G BiDi SFP 1310nm

The 2.5G-SFP-LX03-SM1310-BIDI-I is aligned to IEEE 2.5GBASE-LX optical specifications and supports a link length of up to 3 kilometers over a single mode fiber (SMF) with a BIDI LC connector. It adopts

Dell networking transceivers and cables

All optics and cables released by Dell Networking have passed comprehensive optical analytics check as well as an extensive dynamic test suite. Dell-labeled optics are warrantied alongside the Dell

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The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

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